

# *Air Land Sea Application Center*



“...meeting the immediate needs of the  
Warfighter.”

**ALSA**

# ALSA Center Mission

Rapidly and responsively develop multi-Service tactics, techniques and procedures, studies, and other like solutions across the military spectrum  
... to meet the immediate needs of the Warfighter.



LeMay Center/CC  
Major General  
Steven L. Kwast

## Service Voting Members

Chartered by Services



DIR MC CoE  
Brigadier General  
Willard M. Burleson III



DIR CDD, MCCDC  
Brigadier General  
William F. Mullen, III

★ **JASC** ★  
Joint Actions Steering  
Committee

Steered by JASC



COMNWDC  
Rear Admiral  
Scott A. Stearney



## Non-Voting Members

Joint Staff J7/DD JED  
Joint Ed & Doctrine  
Mr. Jerry M. Lynes

USSOCOM/FMD  
Major General  
Christopher K. Haas



# **Air Land Sea Application (ALSA) Center**

## ***Who we are...***

- We are a multi-Service (Joint) organization of Warfighters
- We are governed by a Joint Actions Steering Committee (JASC) comprised of senior leaders from the Service doctrine centers
- We develop tactical-level solutions to multi-Service interoperability issues consistent with Joint and Service doctrine
- We leverage Service SMEs to develop a common understanding of capabilities and multi-Service Tactics, Techniques, and Procedures (MTTP)



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# **History of ALSA**

- **Building on Service synergy from Vietnam, CSAF (Gen Brown) and CSA (GEN Abrams) saw a need for:**
  - Army and Air Force coordination / interoperability
  - Organization that cuts through bureaucratic “**red tape**”
  - Rapidly meet the immediate needs of the Warfighter
- **1975: ALFA established by HQ TAC/HQ TRADOC**
- **1986: Goldwater-Nichols National Security Act**
- **1992: MCCDC and LANTFLT assigned permanent billets to ALFA... became ALSA**
- **1998: Joint Duty Assignment Validation Board validated all ALSA Center positions as Joint**
- **1998: Defense Reform Initiative Directive (DRID), decision to leave ALSA independent of Joint Forces Command**
- **2005: DOTMLPF Change Recommendation (DCR) from JS J-7; Services and SOCOM non-concur with disestablishment of ALSA**



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# ALSA Organization & Publications



## ALSA PUBLICATIONS

- Air Operations in Maritime Surface Warfare (AOMSW)
- Biometrics
- Brevity
- Defense Support of Civil Auth (DSCA)
- Combat Camera Operations (COMCAM)
- Electronic Warfare Reprogramming (EW)
- Joint Air Traffic Control (JATC)
- Tactical Chat (TAC Chat)
- Tactical Radios (TAC Radios)
- UHF SATCOM

*\* new publication in development*

- Advising Foreign Forces
- Airfield Opening (AO)
- CF-SOF Integration and Interoperability
- Cordon and Search (C&S)
- Engagement Teams (ET)
- Explosive Ord Disposal (EOD) *moving to JP*
- Intl Monetary Shaping Ops (IMSO)
- Military Deception (MILDEC) (**Secret**)
- Military Diving Operations (MDO)
- *Operation Assessment (New)\**
- Peace Operations
- Tactical Convoy Operations (TCO)
- Nonlethal Weapons (NLW)
- Unexploded Explosive Ordnance Ops (UXO)

- Airborne Target Coordination and Attack Radar System (ATCARS)
- Airspace Control (AC)
- Aviation Urban Operations (AUO)
- Dynamic Targeting (DT)
- Integrated Air Defense Systems (IADS)
- *ISR Optimization (New)\**
- Joint Application of Firepower (JFIRE)
- Joint Suppression of Enemy Air Defenses in a Joint Environment (JSEAD) (**Secret**)
- Kill Box
- Strike Coord and Reconnaissance (SCAR)
- Survival, Evasion, and Recovery
- Unmanned Aircraft Systems (UAS)
- Theater Air Ground System (TAGS)

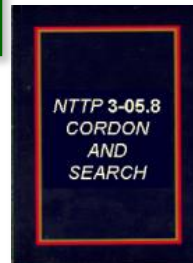
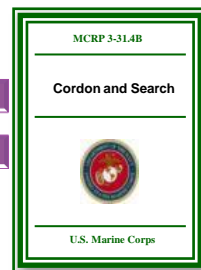
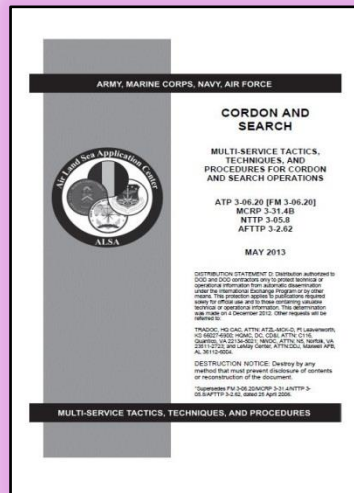
# Joint and Multi-Service Doctrine

## Joint Doctrine

- Authoritative Joint doctrine
- Must have consensus
- Proposed by JDPC
- Approved by CJCS/DJS
- Signed by the CJCS
- Revised every 5 years
- Operational Level Doctrine

## Multi-Service Doctrine

- Authoritative Service doctrine
- Service agreement not required
- Proposed / written by Warfighters
- Approved by JASC
- Signed by Service doctrine chiefs
- Revised every 2-3 years
- Tactical Level Solutions



## ALSA's Contribution to Service Publications

**11% of USA Army Techniques Publications (ATP) (33 of 295 ATP)**

**68% of USAF 3-2 Series, Air Force Tactics Techniques and Procedures (36 of 53 AFTTPs)**

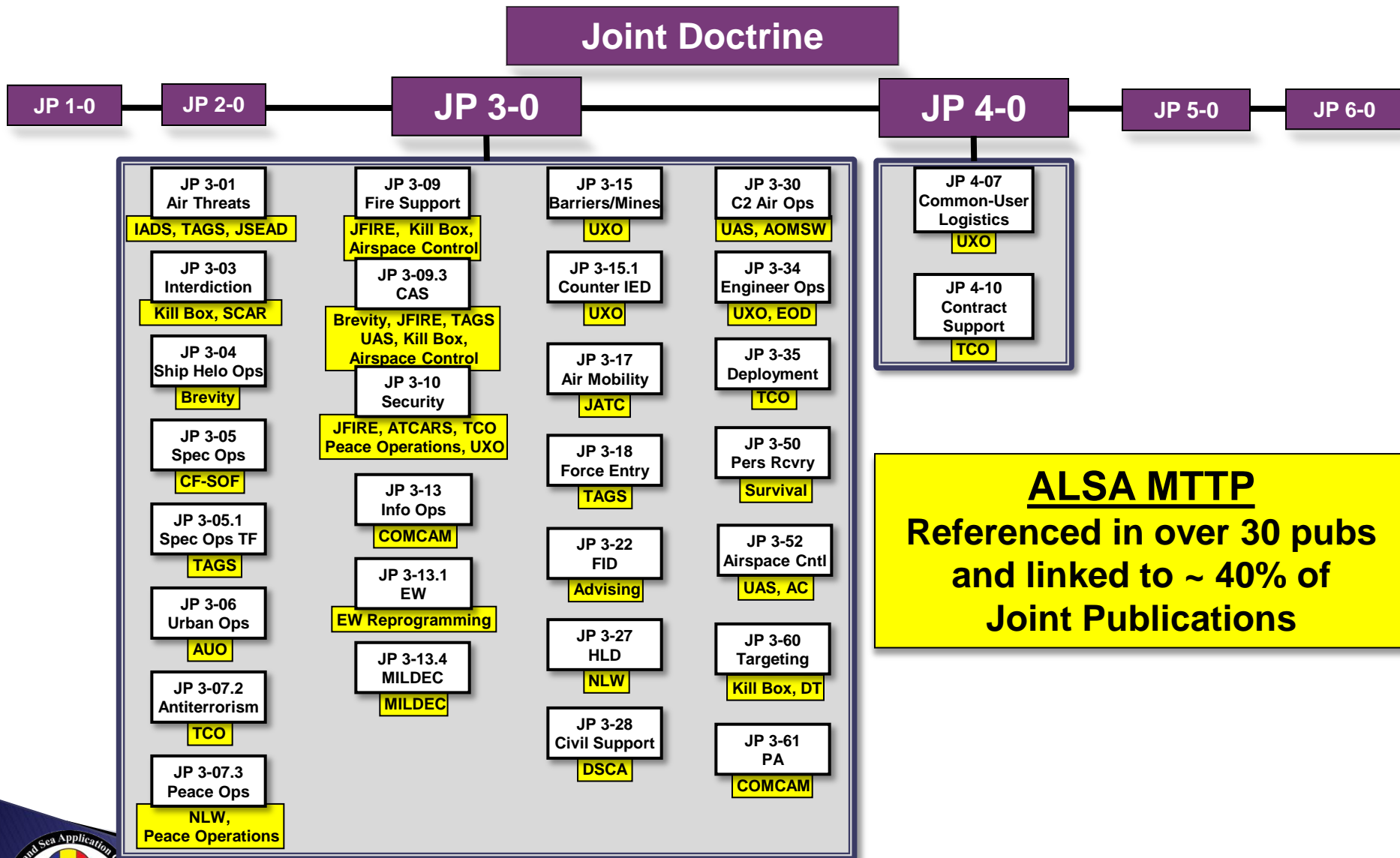
**18% of USN 2-0 thru 6-0 Series NTTPs (33 of 180 NTTPs)**

**18% of USMC Marine Corps Reference Publications (27 of 154 MCRP)**



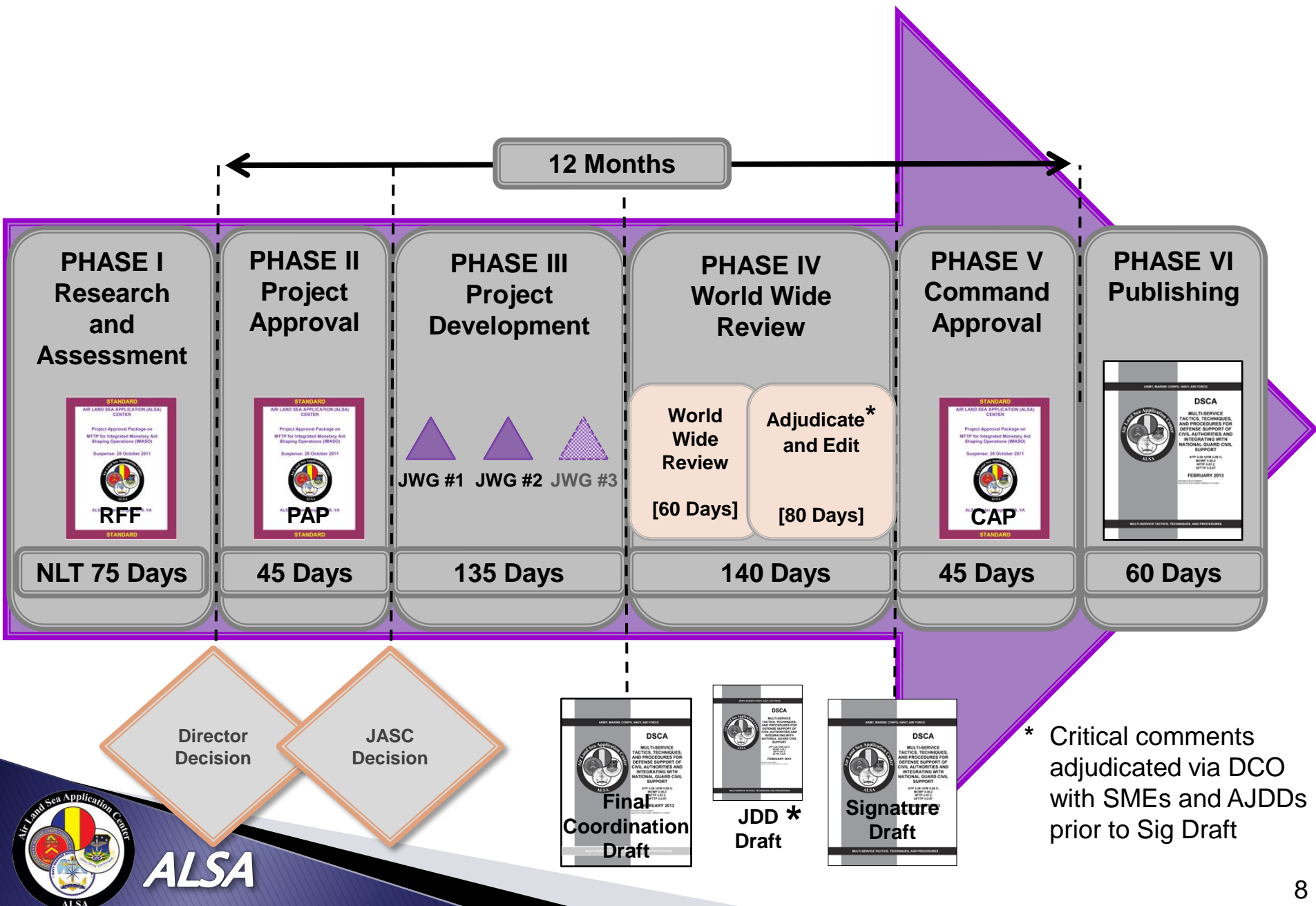
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# ALSA Pubs in Joint Doctrine



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# ALSA MTTP Development Process





# Air Land Sea Bulletin (ALSB)



## Sep 2014 Edition

**Title:** Joint Training in a Constrained Environment

**Articles:**

1. The Weighted Sword
2. UK Joint Training in a Resource-Constrained Environment
3. Improving Joint Fires Performance with Distributed Live/Virtual Environments
4. Advancing Distributed and Blended Learning
5. Warfighter Readiness through Flag-level exercises
6. Understanding C2 in the Joint Environment
7. Communicating within the Information Environment



## Recent ALSBs

Sep 2013 Open Warfighter Forum  
Jan 2014 Pacific Rebalance, Tactical Implications  
Jun 2014 Unmanned Aircraft Systems

## Future ALSBs

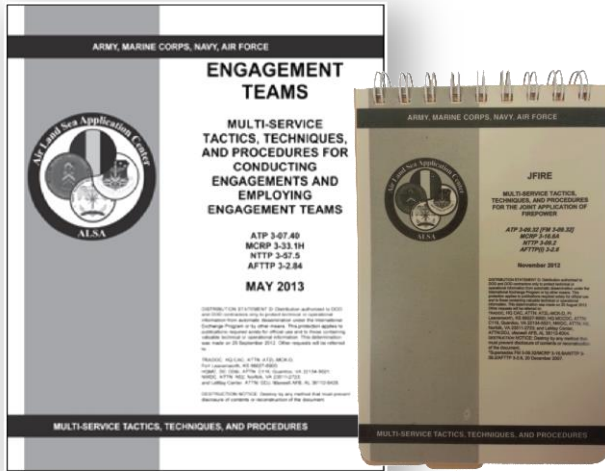
Jan 2015 Inter-organizational and Defense Supt to Civil Auth  
Jun 2015 Warfighter Forum

***Get your Service published!  
articles due 2 months prior  
for more go to [www.alsa.mil](http://www.alsa.mil)***



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# ALSA Products



**Multi-Service Tactics,  
Techniques, and Procedures  
(MTTP)**



**Air Land Sea Bulletin (ALSB)**



**ALSA Study**

## Where to find?

**Unclassified** – <http://www.alsa.mil>

**SIPR** – <http://www.acc.af.smil.mil/alsa>

## Joint & Service Digital Libraries

**Army:** <http://www.apd.army.mil>

**Navy:** <https://ndls.nwdc.navy.mil/default.aspx>

**Air Force:** <http://www.au.af.mil/au/lemay/main.htm>

**Marine Corps:** <https://www.doctrine.usmc.mil/>

**Joint:** <https://jdeis.js.mil/jdeis/index.jsp?pindex=84>



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